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(FILE 'HOME' ENTERED AT 18:26:56 ON 31 AUG 2004)

FILE 'REGISTRY' ENTERED AT 18:27:03 ON 31 AUG 2004

L1 927894 S [LIVAXG][STXCDEKG][AXCKDEG][ENCDQKSTGX][STXDEGK][STXCDEKG][ST
L2 925 S L1 AND CYCL?/NTE
L3 313 S L2 AND 7<SQL<17
L4 519776 S [LIVAXG][STXCDEKG][AXCKDEG][ENCDQKSTGX][STXDEGK][STXCDEKG][ST
L5 205 S L4 AND CYCL?/NTE AND 7<SQL<17

FILE 'CAPLUS' ENTERED AT 18:33:48 ON 31 AUG 2004

L6 110 S L5

94214 SQL=9

=> d sqide 1-

L8 ANSWER 1 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN

RN 708277-84-3 REGISTRY

CN Cyclo(L-alanyl-L-ornithyl-L-seryl-L-seryl-L-seryl-L-seryl-L-threonylglycyl-3-hydroxy-4-methyltetradecanoyl) (9CI) (CA INDEX NAME)

OTHER NAMES:

CN F 20916A

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

NTE cyclic

type	----- location -----			description
uncommon	Orn-2	-	-	
uncommon	Und-9	-	-	

SEQ 1 AXSSSSTGX

[illegible]

HITS AT: 1-6, 8-9

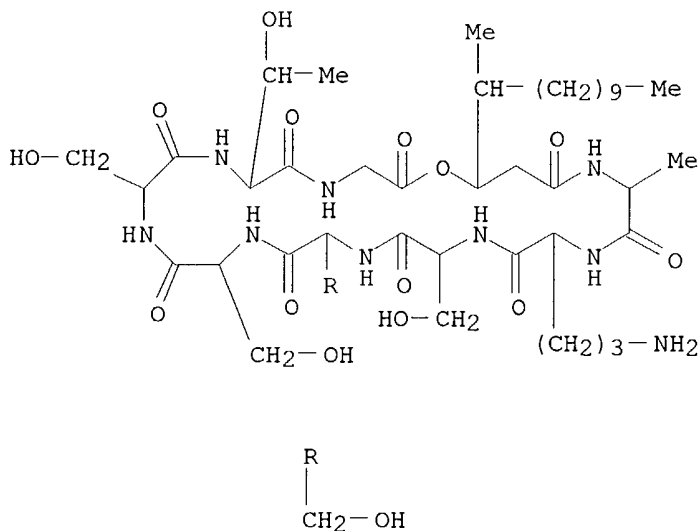
MF C41 H73 N9 O15

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LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 2 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 334830-76-1 REGISTRY
 CN Pseudomycin C, 1-[N-(1-oxohexadecyl)-L-serine]- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9
 NTE **cyclic**
 modified (modifications unspecified)

type	location			description
uncommon	Abu-1	-	-	
uncommon	Und-4	-	-	
uncommon	Dab-5	-	-	
uncommon	Dab-8	-	-	

SEQ 1 XDTXXDKXT

HITS AT: 1-6, 4-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

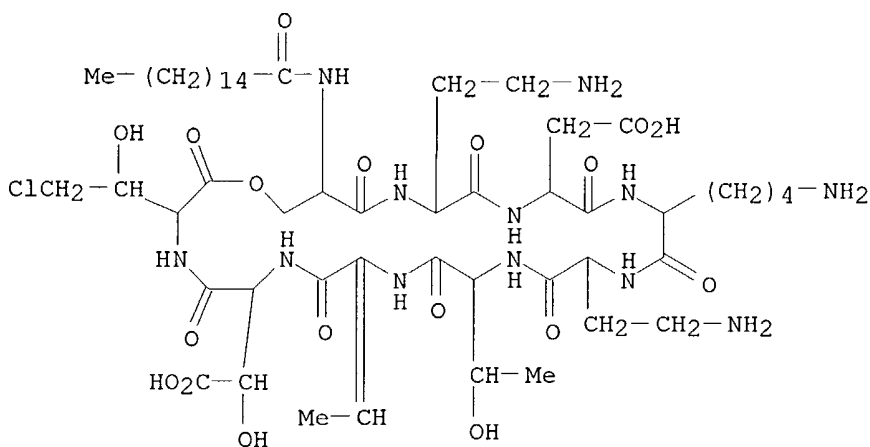
MF C53 H91 C1 N12 O18

SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study)



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 3 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 334830-75-0 REGISTRY
 CN Pseudomycin C', 1-[N-(3-hydroxy-1-oxohexadecyl)-L-serine]- (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9
 NTE **cyclic**
 modified (modifications unspecified)

type	location			description
------	----------	--	--	-------------

uncommon	Abu-1	-	-
uncommon	Und-4	-	-
uncommon	Dab-5	-	-
uncommon	Dab-8	-	-

SEQ 1 XDTXXDKXT

HITS AT: 1-6, 4-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

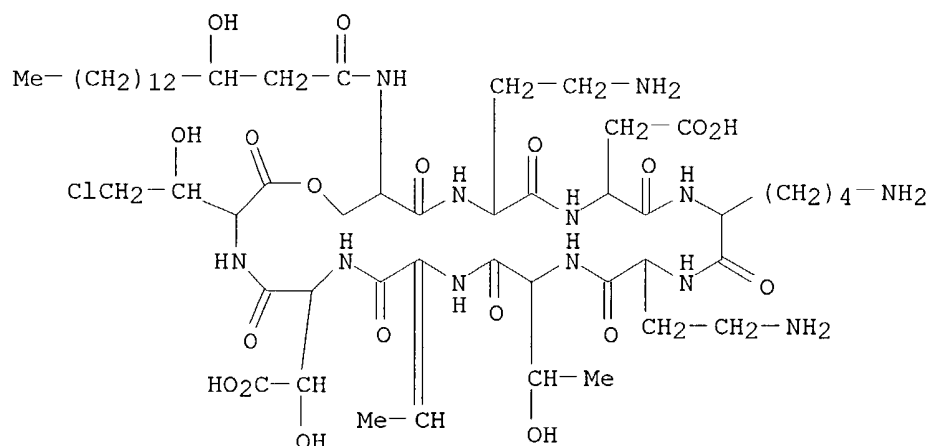
MF C53 H91 Cl N12 O19

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAPlus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study)



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 4 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN

RN 334830-74-9 REGISTRY

CN Pseudomycin C', 1-[N-[(3S)-3-hydroxy-1-oxohexadecyl]-L-serine]-(9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

NTE **cyclic**
modified (modifications unspecified)

type	location			description
uncommon	Abu-1	-	-	
uncommon	Und-4	-	-	
uncommon	Dab-5	-	-	
uncommon	Dab-8	-	-	

SEQ 1 XDTXXDKXT

HITS AT: 1-6, 4-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

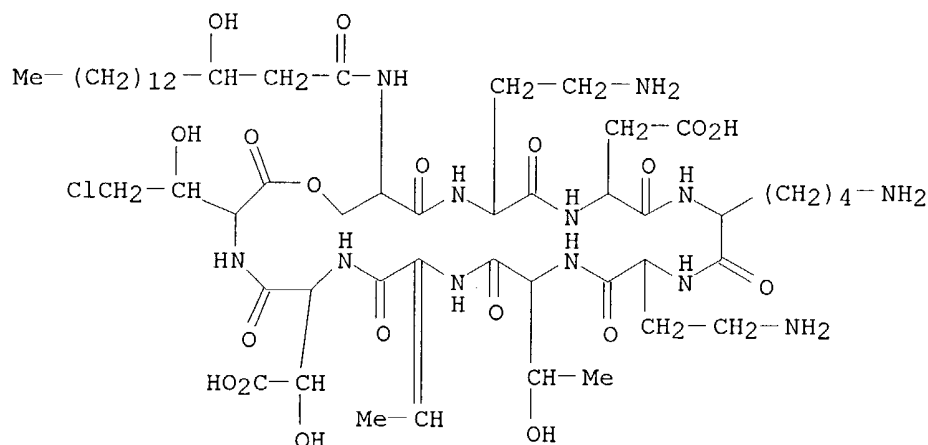
MF C53 H91 C1 N12 O19

SR CA

LC STN Files: CA, CAPLUS

DT.CA CAplus document type: Journal

RL.NP Roles from non-patents: BIOL (Biological study)



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 5 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN

RN 318531-55-4 REGISTRY

CN Cyclo[L-allothreonyl-(2Z)-2-amino-2-butenoyl-(3S)-3-hydroxy-L- α -aspartyl-4-chloro-L-threonylseryl-(2R)-2,4-diaminobutanoyl-L- α -aspartyl-L-lysyl] (9CI) (CA INDEX NAME)

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

NTE **cyclic**

modified (modifications unspecified)

type	location			description
uncommon	Aaa-1	-	-	
uncommon	Dab-5	-	-	
uncommon	Dab-8	-	-	

SEQ 1 XDTSXDKXT

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HITS AT: 1-6, 5-9

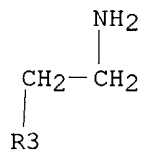
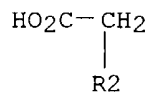
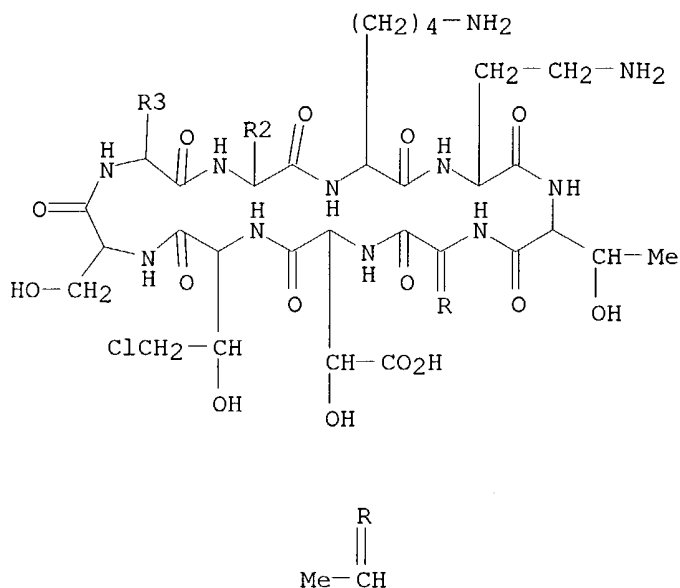
MF C37 H61 C1 N12 O17

SR CA

LC STN Files: CA, CAPLUS, CASREACT

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation)



1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 6 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 169752-69-6 REGISTRY
 CN L-Aspartic acid, N-[N6-[[(2-chlorophenyl)methoxy]carbonyl]-N2-[N-[N6-[[(2-chlorophenyl)methoxy]carbonyl]-N2-[N-[N6-[[(2-chlorophenyl)methoxy]carbonyl]-N2-[N6-[[(2-chlorophenyl)methoxy]carbonyl]-N2-[(1,1-dimethylethoxy)carbonyl]-L-lysyl]-L-alanyl]-L-lysyl]-L-lysyl]glycyl]-L-lysyl]glycyl]-L-lysyl]-, 4-cyclohexyl 1-(phenylmethyl) ester (9CI) (CA INDEX NAME)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9
 NTE modified

type	location	description
modification	Lys-1	[(2-chlorophenyl)methoxy]

modification	Lys-1	-	carbonyl<2CZ>
modification	Lys-3	-	(1,1-dimethylethoxy) carbonyl<Boc>
			[(2-chlorophenyl)methoxy]
modification	Lys-4	-	carbonyl<2CZ>
			[(2-chlorophenyl)methoxy]
modification	Lys-6	-	carbonyl<2CZ>
			[(2-chlorophenyl)methoxy]
modification	Lys-8	-	carbonyl<2CZ>
			[(2-chlorophenyl)methoxy]
modification	Asp-9	-	carbonyl<2CZ>
			cyclohexyl<Chx>

SEQ 1 KAKKGKGKD

=====

HITS AT: 2-9

MF C99 H127 Cl5 N14 O24

SR CA

LC STN Files: CA, CAPLUS

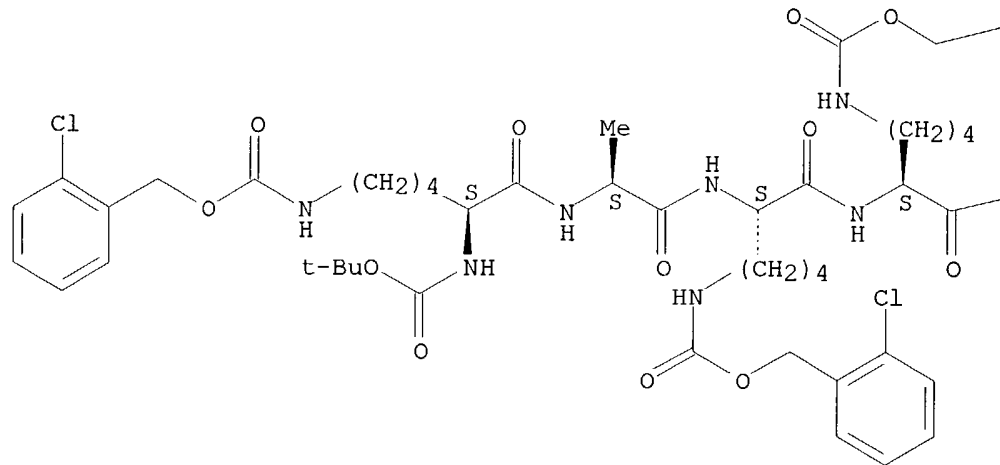
DT.CA CAPLUS document type: Journal; Patent

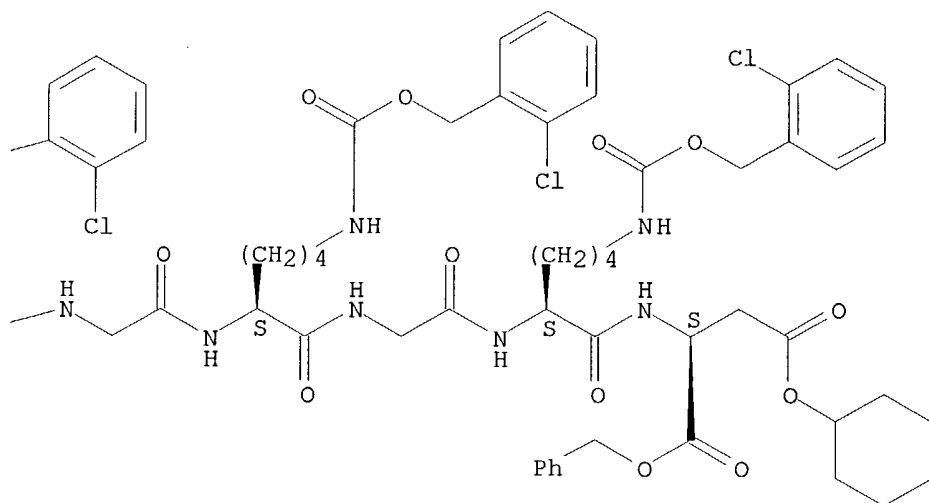
RL.P Roles from patents: PREP (Preparation); RACT (Reactant or reagent)

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.

PAGE 1-A





2 REFERENCES IN FILE CA (1907 TO DATE)
2 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 7 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
RN 136803-05-9 REGISTRY
CN Cyclo(glycylglycyl-L-lysylglycylglycyl-L-lysylglycylglycyl-L-lysyl) (9CI)
(CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,4,7,10,13,16,19,22,25-Nonaazacycloheptacosane, cyclic peptide deriv.
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 9
NTE **cyclic**

SEQ 1 GGKGGKGGK

HITS AT: 1-8, 1-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF C30 H54 N12 O9

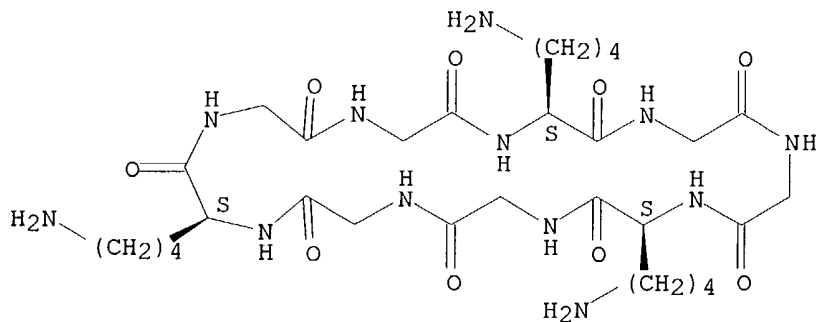
SR CA

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Conference

RL.NP Roles from non-patents: PREP (Preparation)

Absolute stereochemistry.



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 8 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
RN 136803-03-7 REGISTRY
CN Cyclo[glycylglycyl-L-lysylglycylglycyl-L-lysylglycylglycyl-N6-[[3,5-bis(carboxymethyl)phenyl]acetyl]-L-lysyl], cyclic
(9→3), (9→6)-bis(peptide) (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 6,16,22,25,28,31,34,37,39,42,45,51-Dodecaazatetracyclo[19.17.8.711,30.19,13]tetrapentacontane, cyclic peptide deriv.
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 9
NTE **cyclic**
modified (modifications unspecified)

SEQ 1 GGKGGKGGK
=====

HITS AT: 1-8, 1-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF C42 H60 N12 O12

SR CA

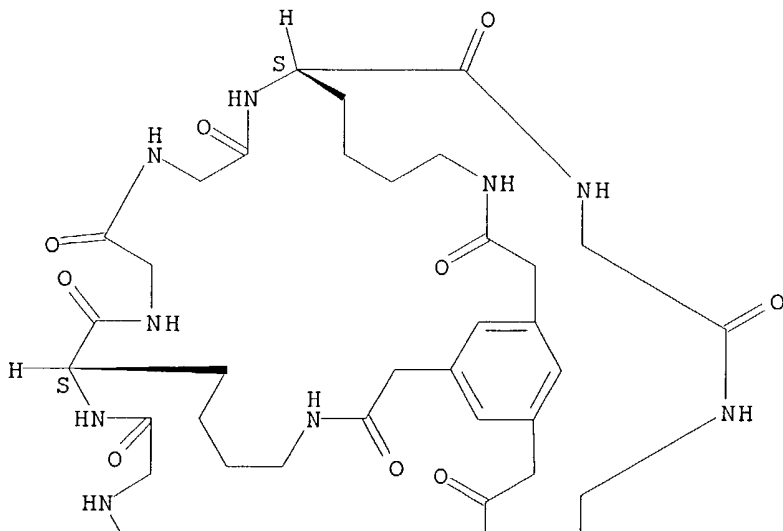
LC STN Files: CA, CAPLUS

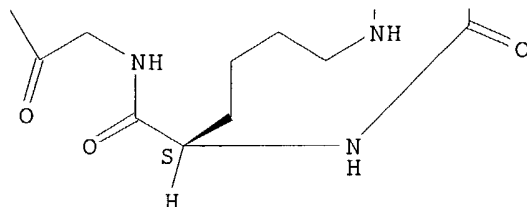
DT.CA Caplus document type: Conference

RL.NP Roles from non-patents: PREP (Preparation)

Absolute stereochemistry.

PAGE 1-A





1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 9 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
RN 130914-01-1 REGISTRY
CN Cyclo[glycylglycyl-N6-[(phenylmethoxy)carbonyl]-L-lysylglycylglycyl-N6-[(phenylmethoxy)carbonyl]-L-lysylglycylglycyl-N6-[(phenylmethoxy)carbonyl]-L-lysyl] (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN 1,4,7,10,13,16,19,22,25-Nonaazacycloheptacosane, cyclic peptide deriv.
FS PROTEIN SEQUENCE; STEREOSEARCH
SQL 9
NTE **cyclic**
modified (modifications unspecified)

type	location		description
modification	Lys-3	-	(phenylmethoxy) carbonyl<Z>
modification	Lys-6	-	(phenylmethoxy) carbonyl<Z>
modification	Lys-9	-	(phenylmethoxy) carbonyl<Z>

SEQ 1 GGKGGKGGK

HITS AT: 1-8, 1-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF C54 H72 N12 O15

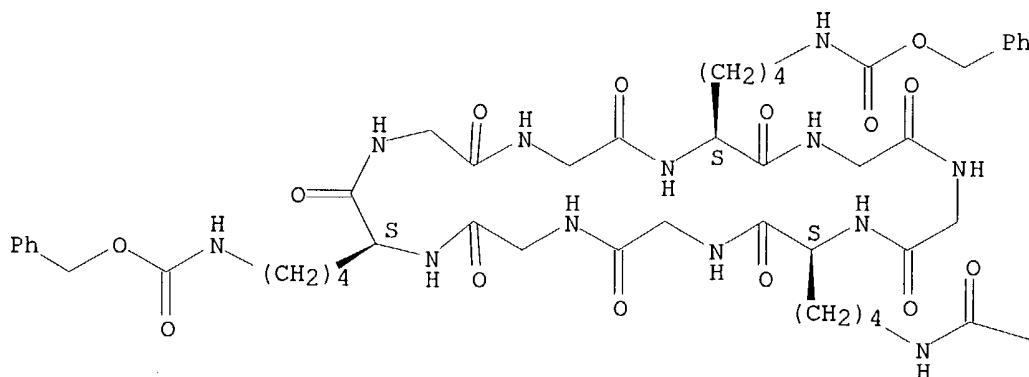
SR CA

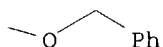
LC STN Files: CA, CAPLUS, CASREACT

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation)

Absolute stereochemistry.





1 REFERENCES IN FILE CA (1907 TO DATE)
 1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 10 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
 RN 84311-44-4 REGISTRY
 CN Cyclo(β -alanylglycyl-L- α -aspartyl- β -alanylglycyl-L-seryl-
 β -alanylglycyl-L-histidyl), acetate (2:5) (salt) (9CI) (CA INDEX
 NAME)

OTHER CA INDEX NAMES:

CN 1,4,7,11,14,17,21,24,27-Nonaazacyclotriacontane, cyclic peptide deriv.
 CN Cyclic(β -alanylglycyl-L- α -aspartyl- β -alanylglycyl-L-seryl-
 β -alanylglycyl-L-histidyl), acetate (2:5) (salt)
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9
 NTE **cyclic**
 modified (modifications unspecified)

type	-----	location	-----	description
uncommon	Bal-2	-	-	
uncommon	Bal-5	-	-	
uncommon	Bal-8	-	-	
modification	-	-	-	undetermined modification

SEQ 1 DXGSXGHXG
 =====

HITS AT: 1-7, 8-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

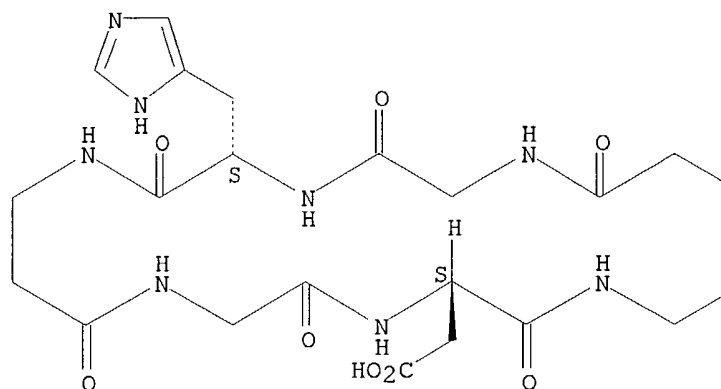
MF C28 H41 N11 O12 . 5/2 C2 H4 O2
 LC STN Files: CA, CAPLUS
 DT.CA Cplus document type: Journal
 RL.NP Roles from non-patents: PREP (Preparation)

CM 1

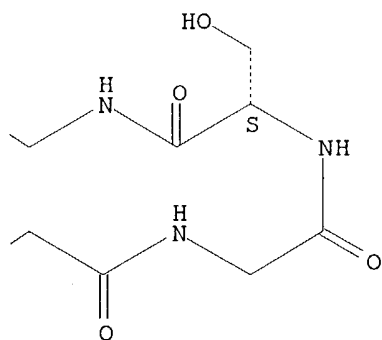
CRN 75141-40-1
 CMF C28 H41 N11 O12

Absolute stereochemistry.

PAGE 1-A



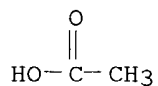
PAGE 1-B



CM 2

CRN 64-19-7

CMF C2 H4 O2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 11 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN

RN 84311-43-3 REGISTRY

CN Cyclo[β -alanylglycyl-L- α -aspartyl- β -alanylglycyl-O-(phenylmethyl)-L-seryl- β -alanylglycyl-L-histidyl], phenylmethyl ester, monoacetate (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4,7,11,14,17,21,24,27-Nonaazacyclotriacontane, cyclic peptide deriv.
 CN Cyclic[β -alanylglycyl-L- α -aspartyl- β -alanylglycyl-O-(phenylmethyl)-L-seryl- β -alanylglycyl-L-histidyl], phenylmethyl ester, monoacetate
 FS PROTEIN SEQUENCE; STEREOSEARCH
 SQL 9
 NTE **cyclic**
 modified (modifications unspecified)

type	----- location -----	description
uncommon	Bal-2 - -	
uncommon	Bal-5 - -	
uncommon	Bal-8 - -	
modification	- -	undetermined modification
modification	Asp-1 - -	phenylmethyl<Bzl>
modification	Ser-4 - -	phenylmethyl<Bzl>

SEQ 1 DXGSXGHXG
 =====

HITS AT: 1-7, 8-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF C42 H53 N11 O12 . C2 H4 O2

LC STN Files: CA, CAPLUS

DT.CA Cplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

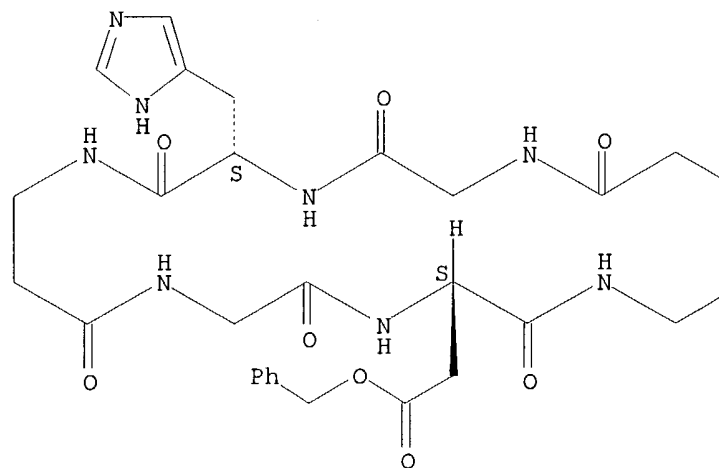
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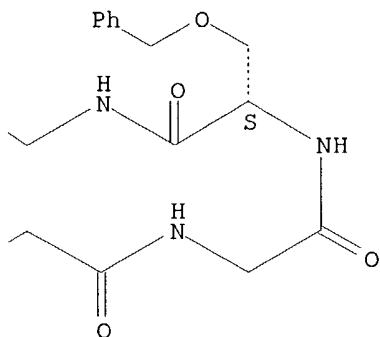
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CMF C42 H53 N11 O12

Absolute stereochemistry.

PAGE 1-A

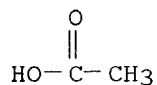




CM 2

CRN 64-19-7

CMF C2 H4 O2



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 12 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN

RN 83793-04-8 REGISTRY

CN Cyclo(glycylglycylglycylglycylglycylglycylglycylglycylglycyl) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4,7,10,13,16,19,22,25-Nonaazacycloheptacosane, cyclic peptide deriv.

CN Cyclic(glycylglycylglycylglycylglycylglycylglycylglycylglycyl)

FS PROTEIN SEQUENCE

SQL 9

NTE **cyclic**

SEQ 1 GGGGGGGG

=====

HITS AT: 1-8, 1-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

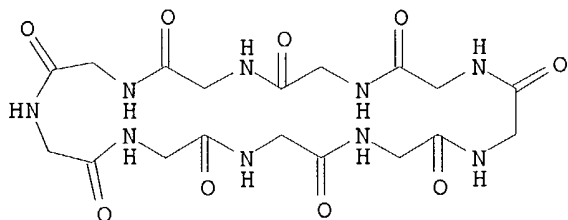
MF C18 H27 N9 O9

LC STN Files: BEILSTEIN*, CA, CAPLUS

(*File contains numerically searchable property data)

DT.CA Caplus document type: Conference

RL.NP Roles from non-patents: PREP (Preparation)



1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

L8 ANSWER 13 OF 17 REGISTRY COPYRIGHT 2004 ACS on STN
RN 81471-80-9 REGISTRY

CN Cyclo(L-cysteinyglycylglycyl-L-cysteinyglycylglycyl-L-cysteinyglycylglycyl) (9CI) (CA INDEX NAME)

OTHER CA INDEX NAMES:

CN 1,4,7,10,13,16,19,22,25-Nonaazacycloheptacosane, cyclic peptide deriv.

CN Cyclic(L-cysteinyglycylglycyl-L-cysteinyglycylglycyl-L-cysteinyglycylglycyl)

FS PROTEIN SEQUENCE; STEREOSEARCH

SQL 9

NTE **cyclic**

SEQ 1 CGGCGGCGG

=====

HITS AT: 1-6, 2-9

RELATED SEQUENCES AVAILABLE WITH SEQLINK

MF C21 H33 N9 O9 S3

LC STN Files: CA, CAPLUS

DT.CA Caplus document type: Journal

RL.NP Roles from non-patents: PREP (Preparation); RACT (Reactant or reagent)

Absolute stereochemistry.